Bruhat Bengaluru Mahanagara Palike

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

1st and final E-Bill

Name of Work :- Construction of Stamp vendors building near Mini Vidhana soudha building in ward no-05 Yelahanka New Town sub division

Agency:-SRI.KEERTHI.N, No:20,2nd Main Road,Gandhinagar,Bangalore-560064.

Modified Cost RS :- 28.17 Lakh's

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Agency:-SRI.KEERTHI.N, No:20,2nd Main Road,Gandhinagar,Bangalore-560064.

Measurements Taken On:-

S. No	Description of work	Unit	No.	Measurements L	B	D	Qty	Rate	Amount
1	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. Depth exceeding 1.5m, but not exceeding 3 m								
		Cum							
	Quantity Vide As Per Pre Measurement are Prepared in Excel Sheets of E-Bill						**106.42**	205.00	**21816.10**
2	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates. Specification								
		Cum							
	Quantity Vide As Per Pre Measurement are Prepared in Excel Sheets of E-Bill						**34.23**		
	A)Up to125% of quantity						**21.86**	5743.00	**125541.98**
	B)Above 125% of quantity						**12.37**	5737.95	**70981.88**
3	Providing and laying in position Plain cement concrete for levelling course for all works in foundation. The granite/ trap/ basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed laid in layers not exceeding 150mm thickness ,well compacted using needle vibrators, including all lead & lifts, cost of all materials of quality,labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. Mix 1:2:4(M15) Using 20 mm nominal size graded crushed coarse aggregates								
	Coping Concrete:-	Cum							
	Basement:-Long Wall's:-Shops (1 & 2)		2	4.95	0.45	0.12	0.53		
	Shops (3 & 5)		2	7.65	0.45	0.12	0.83		
	Shops (6 & 12)		2	16.35	0.45	0.12	1.77		
	Shops (13 & 19)		2	16.35	0.45	0.12	1.77		
	Shops (20 & 21)		2	4.85	0.45	0.12	0.52		
	Short Wall's:-Shops (1 & 2)		2	2.45	0.45	0.12	0.26		
	Shops (3 & 5)		2	2.45	0.45	0.12	0.26		
	Shops (6 & 12)		2	2.45	0.45	0.12	0.26		
	Shops (13 & 19)		2	2.45	0.45	0.12	0.26		
	Shops (20 & 21)		2	2.45	0.45	0.12	0.26		
	Partition walls:- Shops (1 & 2)		1	2.45	0.45	0.12	0.13		
	Shops (3 & 5)		2	2.45	0.45	0.12	0.26		
	Shops (6 & 12)		6	2.45	0.45	0.12	0.79		
	Shops (13 & 19)		6	2.45	0.45	0.12	0.79		
	Shops (20 & 21)		1	2.45	0.45	0.12	0.13		
	Flooring:-Shops (1 & 2)		2	2.70	2.10	0.15	1.70		
	Shops (3 & 5)		3	2.70	2.10	0.15	2.55		
	Shops (6 & 12)		7	2.70	2.10	0.15	5.95		

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	Shops (13 & 19)		7	2.70	2.10	0.15	5.95		
	Shops (20 & 21)		2	2.70	2.10	0.15	1.70		
				Total Quantity			**26.72**		
	Limited To Schedule'B'Quantity						**26.52**	6297.90	**167020.31**
4	Providing Size Stone Masanry with hard stone in foundation & plinth with cement mortor 1:6 (1 cement 6 coarse sand)								
		Cum							
	Quantity Vide As Per Pre Measurement are Prepared in Excel Sheets of E-Bill						**79.40**		
	A)Up to125% of quantity						**50.69**	5533.00	**280453.94**
	B)Above 125% of quantity						**28.71**	5529.26	**158758.88**
5	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations and other similar works etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.								
		Cum							
	Earth Work Excavation	Quantity Vide Item No-01					**106.42**		
	(-)Deductions:-								
	PCC 1:3:6:-Long Wall's:-Shops (1 & 2)		2	5.50	0.90	0.15	1.49		
	Shops (3 & 5)		2	8.20	0.90	0.15	2.21		
	Shops (6 & 12)		2	16.90	0.90	0.15	4.56		
	Shops (13 & 19)		2	16.90	0.90	0.15	4.56		
	Shops (20 & 21)		2	5.40	0.90	0.15	1.46		
	Short Wall's:-Shops (1 & 2)		2	2.00	0.90	0.15	0.54		
	Shops (3 & 5)		2	2.00	0.90	0.15	0.54		
	Shops (6 & 12)		2	2.00	0.90	0.15	0.54		
	Shops (13 & 19)		2	2.00	0.90	0.15	0.54		
	Shops (20 & 21)		2	2.00	0.90	0.15	0.54		
	Partition walls:- Shops (1 & 2)		1	2.00	0.90	0.15	0.27		
	Shops (3 & 5)		2	2.00	0.90	0.15	0.54		
	Shops (6 & 12)		6	2.00	0.90	0.15	1.62		
	Shops (13 & 19)		6	2.00	0.90	0.15	1.62		
	Shops (20 & 21)		1	2.00	0.90	0.15	0.27		
	SSM Foundation:-								
	1st footing:-Long Wall's:-Shops (1 & 2)		2	5.25	0.75	0.20	1.58		
	Shops (3 & 5)		2	7.95	0.75	0.20	2.39		
	Shops (6 & 12)		2	16.65	0.75	0.20	5.00		
	Shops (13 & 19)		2	16.65	0.75	0.20	5.00		
	Shops (20 & 21)		2	5.15	0.75	0.20	1.55		
	Short Wall's:-Shops (1 & 2)		2	2.15	0.75	0.20	0.65		
	Shops (3 & 5)		2	2.15	0.75	0.20	0.65		
	Shops (6 & 12)		2	2.15	0.75	0.20	0.65		
	Shops (13 & 19)		2	2.15	0.75	0.20	0.65		
	Shops (20 & 21)		2	2.15	0.75	0.20	0.65		
	Partition walls:- Shops (1 & 2)		1	2.15	0.75	0.20	0.32		
	Shops (3 & 5)		2	2.15	0.75	0.20	0.65		
	Shops (6 & 12)		6	2.15	0.75	0.20	1.94		
	Shops (13 & 19)		6	2.15	0.75	0.20	1.94		
	Shops (20 & 21)		1	2.15	0.75	0.20	0.32		
	2nd footing:-Long Wall's:-Shops (1 & 2)		2	5.10	0.60	0.35	2.14		
	Shops (3 & 5)		2	7.80	0.60	0.35	3.28		
	Shops (6 & 12)		2	16.50	0.60	0.35	6.93		
	Shops (13 & 19)		2	16.50	0.60	0.35	6.93		
	Shops (20 & 21)		2	5.00	0.60	0.35	2.10		

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	Short Wall's:-Shops (1 & 2)		2	2.30	0.60	0.35	0.97		
	Shops (3 & 5)		2	2.30	0.60	0.35	0.97		
	Shops (6 & 12)		2	2.30	0.60	0.35	0.97		
	Shops (13 & 19)		2	2.30	0.60	0.35	0.97		
	Shops (20 & 21)		2	2.30	0.60	0.35	0.97		
	Partition walls:- Shops (1 & 2)		1	2.30	0.60	0.35	0.48		
	Shops (3 & 5)		2	2.30	0.60	0.35	0.97		
	Shops (6 & 12)		6	2.30	0.60	0.35	2.90		
	Shops (13 & 19)		6	2.30	0.60	0.35	2.90		
	Shops (20 & 21)		1	2.30	0.60	0.35	0.48		
	Basement:-Long Wall's:-Shops (1 & 2)		2	4.95	0.45	0.05	0.22		
	Shops (3 & 5)		2	7.65	0.45	0.05	0.34		
	Shops (6 & 12)		2	16.35	0.45	0.05	0.74		
	Shops (13 & 19)		2	16.35	0.45	0.05	0.74		
	Shops (20 & 21)		2	4.85	0.45	0.05	0.22		
	Short Wall's:-Shops (1 & 2)		2	2.45	0.45	0.05	0.11		
	Shops (3 & 5)		2	2.45	0.45	0.05	0.11		
	Shops (6 & 12)		2	2.45	0.45	0.05	0.11		
	Shops (13 & 19)		2	2.45	0.45	0.05	0.11		
	Shops (20 & 21)		2	2.45	0.45	0.05	0.11		
	Partition walls:- Shops (1 & 2)		1	2.45	0.45	0.05	0.06		
	Shops (3 & 5)		2	2.45	0.45	0.05	0.11		
	Shops (6 & 12)		6	2.45	0.45	0.05	0.33		
	Shops (13 & 19)		6	2.45	0.45	0.05	0.33		
	Shops (20 & 21)		1	2.45	0.45	0.05	0.06		
							82.81		
						Net Quantity	**23.61**	211.00	**4981.92**
6	Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 5.5 m3)								
		Cum							
	Earth Work Excavation	Quantity Vide Item No-01					106.42		
	(-)Deductions:-	Quantity Vide Item No-05					23.61		
				Total Quantity			**82.81**		
						Limited To Schedule'B'Quantity	**81.71**	76.00	**6209.96**
7	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km								
	Qty frm Item No-6	t.Km		82.81		1.28	106.00		
				Total Quantity			**106.00**		
						Limited To Schedule'B'Quantity	**104.58**	99.00	**10353.42**
8	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/ trap/ basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates								
	Plinth Beam	Cum							
	Main Wall's for Long Wall's:-Shops (1 & 2)		2	4.80	0.30	0.20	0.58		
	Shops (3 & 5)		2	7.50	0.30	0.20	0.90		
	Shops (6 & 12)		2	16.20	0.30	0.20	1.94		
	Shops (13 & 19)		2	16.20	0.30	0.20	1.94		
	Shops (20 & 21)		2	4.70	0.30	0.20	0.56		
	Short Wall's:-Shops (1 & 2)		2	2.70	0.30	0.20	0.32		

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	Shops (3 & 5)		2	2.70	0.30	0.20	0.32		
	Shops (6 & 12)		2	2.70	0.30	0.20	0.32		
	Shops (13 & 19)		2	2.70	0.30	0.20	0.32		
	Shops (20 & 21)		2	2.70	0.30	0.20	0.32		
	Partition walls:- Shops (1 & 2)		1	2.70	0.30	0.20	0.16		
	Shops (3 & 5)		2	2.70	0.30	0.20	0.32		
	Shops (6 & 12)		6	2.70	0.30	0.20	0.97		
	Shops (13 & 19)		6	2.70	0.30	0.20	0.97		
	Shops (20 & 21)		1	2.70	0.30	0.20	0.16		
				Total Quantity			**10.14**		
	Limited To Schedule'B'Quantity						**10.13**	6692.00	**67789.96**
9	Providing and laying in position Reinforced cement concrete for all **Super structures of building**,Road works,water works, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/ trap/ basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) **M25** Design Mix Using 20 mm nominal size graded crushed coarse aggregates									
	Roof Slab:-	Cum							
	Shops (1 & 2)		1	4.80	3.90	0.15	2.81		
	Shops (3 to 5)		1	7.50	3.90	0.15	4.39		
	Shops (6 to 12)		1	16.20	3.90	0.15	9.48		
	Shops (13 to 19)		1	16.20	3.90	0.15	9.48		
	Shops (20 & 21)		1	4.70	3.90	0.15	2.75		
				Total Quantity			**28.90**		
	Limited To Schedule'B'Quantity						28.89	767.00	22147.00
10	Providing and laying in position Reinforced cement concrete for all **Super structures of building**,Road works,water works, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/ trap/ basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) **M25** Design Mix Using 20 mm nominal size graded crushed coarse aggregates									
	Tie Beam Concrete	Cum							
	Main Wall's for Long Wall's:-Shops (1 & 2)		2	4.40	0.20	0.30	0.53		
	Shops (3 & 5)		2	7.10	0.20	0.30	0.85		
	Shops (6 & 12)		2	4.40	0.20	0.30	0.53		
			2	4.40	0.20	0.30	0.53		
			2	6.60	0.20	0.30	0.79		
	Shops (13 & 19)		2	6.60	0.20	0.30	0.79		
			2	4.40	0.20	0.30	0.53		
			2	4.40	0.20	0.30	0.53		
	Shops (20 & 21)		2	4.30	0.20	0.30	0.52		
	Short Wall's:-Shops (1 & 2)		2	3.90	0.20	0.30	0.47		
			1	2.70	0.20	0.30	0.16		
	Shops (3 & 5)		2	3.90	0.20	0.30	0.47		
			2	2.70	0.20	0.30	0.32		
	Shops (6 & 12)		4	3.90	0.20	0.30	0.94		
			4	2.70	0.20	0.30	0.65		
	Shops (13 & 19)		4	3.90	0.20	0.30	0.94		

			4	2.70	0.20	0.30	0.65		
	Shops (20 & 21)		2	3.90	0.20	0.30	0.47		
			1	2.70	0.20	0.30	0.16		
				Total Quantity			**10.81**		
	Limited To Schedule'B'Quantity						**10.80**	7675.00	**82890.00**
11	Providing and laying in position Reinforced cement concrete for all **Super structures of building,**Road works,water works, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/ trap/ basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) **M25** Design Mix Using 20 mm nominal size graded crushed coarse aggregates									
	Lintel Beam Concrete	Cum							
	Main Wall's for Long Wall's:-Shops (1 & 2)		2	4.80	0.15	0.15	0.22		
	Shops (3 & 5)		2	7.50	0.15	0.15	0.34		
	Shops (6 & 12)		2	16.20	0.15	0.15	0.73		
	Shops (13 & 19)		2	16.20	0.15	0.15	0.73		
	Shops (20 & 21)		2	4.70	0.15	0.15	0.21		
	Short Wall's:-Shops (1 & 2)		2	2.70	0.15	0.15	0.12		
	Shops (3 & 5)		2	2.70	0.15	0.15	0.12		
	Shops (6 & 12)		2	2.70	0.15	0.15	0.12		
	Shops (13 & 19)		2	2.70	0.15	0.15	0.12		
	Shops (20 & 21)		2	2.70	0.15	0.15	0.12		
	Partition walls:- Shops (1 & 2)		1	2.70	0.15	0.15	0.06		
	Shops (3 & 5)		2	2.70	0.15	0.15	0.12		
	Shops (6 & 12)		6	2.70	0.15	0.15	0.36		
	Shops (13 & 19)		6	2.70	0.15	0.15	0.36		
	Shops (20 & 21)		1	2.70	0.15	0.15	0.06		
				Total Quantity			**3.80**		
	Limited To Schedule'B'Quantity						**2.81**	7675.00	**21566.75**
12	Providing Thermo-Mechanically Treated bars of grade Fe-550 Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members whereever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be measured separately)								
		Kg's							
	Quantity Vide As Per Pre Measurement are Prepared in Excel Sheets of E-Bill						**7789.07**	99.00	**771117.63**
13	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.								
	Alround Main Walls	Sqm							
	Long Wall's:-Shops (1 & 2)		2	4.80		2.70	25.92		
	Shops (3 & 5)		2	7.50		2.70	40.50		
	Shops (6 & 12)		2	16.20		2.70	87.48		
	Shops (13 & 19)		2	16.20		2.70	87.48		
	Shops (20 & 21)		2	4.70		2.70	25.38		
	Short Wall's:-Shops (1 & 2)		2	2.70		2.70	14.58		
	Shops (3 & 5)		2	2.70		2.70	14.58		
	Shops (6 & 12)		2	2.70		2.70	14.58		
	Shops (13 & 19)		2	2.70		2.70	14.58		

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	Shops (20 & 21)		2	2.70		2.70	14.58			
							339.66			
	(-)Deduction									
	Rolling Shutter:-Shops (1 & 2)		2	1.80		2.70	9.72			
	Shops (3 & 5)		3	1.80		2.70	14.58			
	Shops (6 & 12)		7	1.80		2.70	34.02			
	Shops (13 & 19)		7	1.80		2.70	34.02			
	Shops (20 & 21)		2	1.80		2.70	9.72			
	Ventilator's:-Shops (1 & 2)		2	0.75		0.60	0.90			
	Shops (3 & 5)		3	0.75		0.60	1.35			
	Shops (6 & 12)		7	0.75		0.60	3.15			
	Shops (13 & 19)		7	0.75		0.60	3.15			
	Shops (20 & 21)		2	0.75		0.60	0.90			
	Main Wall's for Long Wall's:-Shops (1 & 2)		2	4.80		0.15	1.44			
	Shops (3 & 5)		2	7.50		0.15	2.25			
	Shops (6 & 12)		2	16.20		0.15	4.86			
	Shops (13 & 19)		2	16.20		0.15				
	Shops (20 & 21)		2	4.70		0.15				
	Short Wall's:-Shops (1 & 2)		2	2.70		0.15	0.81			
	Shops (3 & 5)		2	2.70		0.15	0.81			
	Shops (6 & 12)		2	2.70		0.15	0.81			
	Shops (13 & 19)		2	2.70		0.15	0.81			
	Shops (20 & 21)		2	2.70		0.15	0.81			
	Partition walls:- Shops (1 & 2)		1	2.70		0.15	0.41			
	Shops (3 & 5)		2	2.70		0.15	0.81			
	Shops (6 & 12)		6	2.70		0.15	2.43			
	Shops (13 & 19)		6	2.70		0.15	2.43			
	Shops (20 & 21)		1	2.70		0.15	0.41			
							136.86			
					Net Quantity		**202.80**			
					Limited To Schedule'B'Quantity		**199.07**	1236.00	**246050.52**	
14	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.									
	Partition walls:- Shops (1 & 2)	Sqm	1	2.70		2.70	7.29			
	Shops (3 & 5)		2	2.70		2.70	14.58			
	Shops (6 & 12)		6	2.70		2.70	43.74			
	Shops (13 & 19)		6	2.70		2.70	43.74			
	Shops (20 & 21)		1	2.70		2.70	7.29			
							116.64			
	(-)Deductions for Lintel's									
	Shops (1 & 2)		1	2.70		0.15	0.41			
	Shops (3 & 5)		2	2.70		0.15	0.81			
	Shops (6 & 12)		6	2.70		0.15	2.43			
	Shops (13 & 19)		6	2.70		0.15	2.43			
	Shops (20 & 21)		1	2.70		0.15	0.41			
							6.48			
					Net Quantity		**110.16**	1102.34	121433.77	

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
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15	Concealed Conduit System Supplying heavy gauge PVC conduit pipe ……mm dia mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary 25mm dia 2mm thick(including audio system)complete and as per the directions of the Engineer-in-charge of the work 25mm dia 2mm thick									
	Shops (1 & 2)	Mtr	2	6.00			12.00			
	Shops (3 & 5)		3	6.00			18.00			
	Shops (6 & 12)		7	6.00			42.00			
	Shops (13 & 19)		7	6.00			42.00			
	Shops (20 & 21)		2	6.00			12.00			
				Total Quantity			126.00	65.74	8283.24	
								Total RS	2386597.27	
								Add 18% of GST Charges RS	429587.51	
								Grand Total RS	2816184.77	

CERTIFICATE:

1) Certified that the above work done is satisfactory completed.
2) Certified that the there is no debries have been cleared to site.

Assistant Engineer
Ward No-05

Assistant Executive Engineer
Yelahanka Satellite Town Sub Division
BBMP

Executive Engineer
Yelahanka Division
BBMP

Pre Measurements

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work :- Construction of Stamp vendors building near Mini Vidhana soudha building in ward no-05 Yelahanka New Town sub division

Agency:-SRI.KEERTHI.N, No:20,2nd Main Road,Gandhinagar,Bangalore-560064.

Pre-Measurements Taken On:- 15-02-2023

S. No	Description of work	Unit	No.	Measurements L	Measurements B	Measurements D	Qty	Remarks
1	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. Depth exceeding 1.5m, but not exceeding 3 m							
	SSM foundation for Alround Main Walls	Cum						
	Long Wall's:-Shops (1 & 2)		2	5.50	0.90	0.75	7.43	
	Shops (3 & 5)		2	8.20	0.90	0.75	11.07	
	Shops (6 & 12)		2	16.90	0.90	0.75	22.82	
	Shops (13 & 19)		2	16.90	0.90	0.75	22.82	
	Shops (20 & 21)		2	5.40	0.90	0.75	7.29	
	Short Wall's:-Shops (1 & 2)		2	2.00	0.90	0.75	2.70	
	Shops (3 & 5)		2	2.00	0.90	0.75	2.70	
	Shops (6 & 12)		2	2.00	0.90	0.75	2.70	
	Shops (13 & 19)		2	2.00	0.90	0.75	2.70	
	Shops (20 & 21)		2	2.00	0.90	0.75	2.70	
	Partition walls:- Shops (1 & 2)		1	2.00	0.90	0.75	1.35	
	Shops (3 & 5)		2	2.00	0.90	0.75	2.70	
	Shops (6 & 12)		6	2.00	0.90	0.75	8.10	
	Shops (13 & 19)		6	2.00	0.90	0.75	8.10	
	Shops (20 & 21)		1	2.00	0.90	0.75	1.35	
					Total Quantity		**106.52**	
					Limited To Schedule'B'Quantity		**106.42**	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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Assistant Engineer
Ward No-05

Assistant Executive Engineer
Yelahanka Satellite Town Sub Division
BBMP

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work :- Construction of Stamp vendors building near Mini Vidhana soudha building in ward no-05 Yelahanka New Town sub division

Agency:-SRI.KEERTHI.N, No:20,2nd Main Road,Gandhinagar,Bangalore-560064.

Pre-Measurements Taken On:- 24-02-2025

S. No	Description of work	Unit	No.	Measurements			Qty	Remarks
				L	B	D		
2	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates. Specification							
	SSM foundation for Alround Main Walls	Cum						
	Long Wall's:-Shops (1 & 2)		2	5.50	0.90	0.15	1.49	
	Shops (3 & 5)		2	8.20	0.90	0.15	2.21	
	Shops (6 & 12)		2	16.90	0.90	0.15	4.56	
	Shops (13 & 19)		2	16.90	0.90	0.15	4.56	
	Shops (20 & 21)		2	5.40	0.90	0.15	1.46	
	Short Wall's:-Shops (1 & 2)		2	2.00	0.90	0.15	0.54	
	Shops (3 & 5)		2	2.00	0.90	0.15	0.54	
	Shops (6 & 12)		2	2.00	0.90	0.15	0.54	
	Shops (13 & 19)		2	2.00	0.90	0.15	0.54	
	Shops (20 & 21)		2	2.00	0.90	0.15	0.54	
	Partition walls:- Shops (1 & 2)		1	2.00	0.90	0.15	0.27	
	Shops (3 & 5)		2	2.00	0.90	0.15	0.54	
	Shops (6 & 12)		6	2.00	0.90	0.15	1.62	
	Shops (13 & 19)		6	2.00	0.90	0.15	1.62	
	Shops (20 & 21)		1	2.00	0.90	0.15	0.27	
	Flooring:-Shops (1 & 2)		2	2.70	2.10	0.12	1.36	
	Shops (3 & 5)		3	2.70	2.10	0.10	1.70	
	Shops (6 & 12)		7	2.70	2.10	0.12	4.76	
	Shops (13 & 19)		7	2.70	2.10	0.10	3.97	
	Shops (20 & 21)		2	2.70	2.10	0.10	1.13	
							34.23	

Assistant Engineer
Ward No-05

Assistant Executive Engineer
Yelahanka Satellite Town Sub Division
BBMP

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
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BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work :- Construction of Stamp vendors building near Mini Vidhana soudha building in ward no-05 Yelahanka New Town sub division

Agency:-SRI.KEERTHI.N, No:20,2nd Main Road,Gandhinagar,Bangalore-560064.

Pre-Measurements Taken On:- 28-02-2025

S. No	Description of work	Unit	No.	Measurements			Qty	Remarks
				L	B	D		
4	Providing Size Stone Masanry with hard stone in foundation & plinth with cement mortor 1:6 (1 cement 6 coarse sand)							
	SSM foundation for Alround Main Walls	Cum						
	1st footing:-Long Wall's:-Shops (1 & 2)		2	5.25	0.75	0.20	1.58	
	Shops (3 & 5)		2	7.95	0.75	0.20	2.39	
	Shops (6 & 12)		2	16.65	0.75	0.20	5.00	
	Shops (13 & 19)		2	16.65	0.75	0.20	5.00	
	Shops (20 & 21)		2	5.15	0.75	0.20	1.55	
	Short Wall's:-Shops (1 & 2)		2	2.15	0.75	0.20	0.65	
	Shops (3 & 5)		2	2.15	0.75	0.20	0.65	
	Shops (6 & 12)		2	2.15	0.75	0.20	0.65	
	Shops (13 & 19)		2	2.15	0.75	0.20	0.65	
	Shops (20 & 21)		2	2.15	0.75	0.20	0.65	
	Partition walls:- Shops (1 & 2)		1	2.15	0.75	0.20	0.32	
	Shops (3 & 5)		2	2.15	0.75	0.20	0.65	
	Shops (6 & 12)		6	2.15	0.75	0.20	1.94	
	Shops (13 & 19)		6	2.15	0.75	0.20	1.94	
	Shops (20 & 21)		1	2.15	0.75	0.20	0.32	
	2nd footing:-Long Wall's:-Shops (1 & 2)		2	5.10	0.60	0.35	2.14	
	Shops (3 & 5)		2	7.80	0.60	0.35	3.28	
	Shops (6 & 12)		2	16.50	0.60	0.35	6.93	
	Shops (13 & 19)		2	16.50	0.60	0.35	6.93	
	Shops (20 & 21)		2	5.00	0.60	0.35	2.10	
	Short Wall's:-Shops (1 & 2)		2	2.30	0.60	0.35	0.97	
	Shops (3 & 5)		2	2.30	0.60	0.35	0.97	
	Shops (6 & 12)		2	2.30	0.60	0.35	0.97	
	Shops (13 & 19)		2	2.30	0.60	0.35	0.97	
	Shops (20 & 21)		2	2.30	0.60	0.35	0.97	
	Partition walls:- Shops (1 & 2)		1	2.30	0.60	0.35	0.48	
	Shops (3 & 5)		2	2.30	0.60	0.35	0.97	
	Shops (6 & 12)		6	2.30	0.60	0.35	2.90	
	Shops (13 & 19)		6	2.30	0.60	0.35	2.90	
	Shops (20 & 21)		1	2.30	0.60	0.35	0.48	
	Basement:-Long Wall's:-Shops (1 & 2)		2	4.95	0.45	0.30	1.34	
	Shops (3 & 5)		2	7.65	0.45	0.30	2.07	
	Shops (6 & 12)		2	16.35	0.45	0.30	4.41	
	Shops (13 & 19)		2	16.35	0.45	0.30	4.41	
	Shops (20 & 21)		2	4.85	0.45	0.30	1.31	
	Short Wall's:-Shops (1 & 2)		2	2.45	0.45	0.30	0.66	
	Shops (3 & 5)		2	2.45	0.45	0.30	0.66	
	Shops (6 & 12)		2	2.45	0.45	0.30	0.66	
	Shops (13 & 19)		2	2.45	0.45	0.30	0.66	
	Shops (20 & 21)		2	2.45	0.45	0.30	0.66	
	Partition walls:- Shops (1 & 2)		1	2.45	0.45	0.30	0.33	
	Shops (3 & 5)		2	2.45	0.45	0.30	0.66	
	Shops (6 & 12)		6	2.45	0.45	0.30	1.98	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
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	Shops (13 & 19)	"	6	2.45	0.45	0.30	1.98	
	Shops (20 & 21)		1	2.45	0.45	0.30	0.33	
				Total Quantity			**79.96**	
		Limited To Schedule'B'Quantity					**79.40**	

Assistant Engineer
Ward No-05

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಜಿ.ಪಿ.ಎಂ.ಸಿ. ಬೆಂಗಳೂರು-05
Assistant Executive Engineer,
Yelahanka Satellite Town Sub Division
BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work :- Construction of Stamp vendors building near Mini Vidhana soudha building in ward no-05 Yelahanka New Town sub division

Agency:-SRI.KEERTHI.N, No:20,2nd Main Road,Gandhinagar,Bangalore-560064.

Pre-Measurements Taken On:-

S. No	Description of work	Unit	No.	Measurements L	B	D	Qty	Remarks
12	Providing Thermo-Mechanically Treated bars of grade Fe-550 Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members whereever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be measured separately)							
	Plinth beam:-	Kg's						
	Main Rods,20mm Dia;-Top & Bottom Rods							
	Main Wall's for Long Wall's:-Shops (1 & 2)	4	2	5.10	40.80			
	Shops (3 & 5)	4	2	7.80	62.40			
	Shops (6 & 12)	4	2	16.50	132.00			
	Shops (13 & 19)	4	2	16.50	132.00			
	Shops (20 & 21)	4	2	5.00	40.00			
	Short Wall's:-Shops (1 & 2)	4	2	3.30	26.40			
	Shops (3 & 5)	4	2	3.30	26.40			
	Shops (6 & 12)	4	2	3.30	26.40			
	Shops (13 & 19)	4	2	3.30	26.40			
	Shops (20 & 21)	4	2	3.30	26.40			
	Partition walls:- Shops (1 & 2)	4	1	3.30	13.20			
	Shops (3 & 5)	4	2	3.30	26.40			
	Shops (6 & 12)	4	6	3.30	79.20			
	Shops (13 & 19)	4	6	3.30	79.20			
	Shops (20 & 21)	4	1	3.30	13.20			
					750.40	2.47	1853.49	
	Main Rods,16mm Dia;-Top & Bottom Rods							
	Main Wall's for Long Wall's:-Shops (1 & 2)	4	2	5.10	40.80			
	Shops (3 & 5)	4	2	7.80	62.40			
	Shops (6 & 12)	4	2	16.50	132.00			
	Shops (13 & 19)	4	2	16.50	132.00			
	Shops (20 & 21)	4	2	5.00	40.00			
	Short Wall's:-Shops (1 & 2)	4	2	3.30	26.40			
	Shops (3 & 5)	4	2	3.30	26.40			
	Shops (6 & 12)	4	2	3.30	26.40			
	Shops (13 & 19)	4	2	3.30	26.40			
	Shops (20 & 21)	4	2	3.30	26.40			
	Partition walls:- Shops (1 & 2)	4	1	3.30	13.20			
	Shops (3 & 5)	4	2	3.30	26.40			
	Shops (6 & 12)	4	6	3.30	79.20			
	Shops (13 & 19)	4	6	3.30	79.20			
	Shops (20 & 21)	4	1	3.30	13.20			
					750.40	1.58	1185.63	
	Stirrup,s 8mm Dia (0.25c/c)							
	Main Wall's for Long Wall's:-Shops (1 & 2)	20	2	0.90	36.00			
	Shops (3 & 5)	31	2	0.90	55.80			
	Shops (6 & 12)	66	2	0.90	118.80			
	Shops (13 & 19)	66	2	0.90	118.80			
	Shops (20 & 21)	20	2	0.90	36.00			
	Short Wall's:-Shops (1 & 2)	12	2	0.90	21.60			

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	Shops (3 & 5)	12	2	0.90	21.60			
	Shops (6 & 12)	12	2	0.90	21.60			
	Shops (13 & 19)	12	2	0.90	21.60			
	Shops (20 & 21)	12	2	0.90	21.60			
	Partition walls:- Shops (1 & 2)	12	1	0.90	10.80			
	Shops (3 & 5)	12	2	0.90	21.60			
	Shops (6 & 12)	12	6	0.90	64.80			
	Shops (13 & 19)	12	6	0.90	64.80			
	Shops (20 & 21)	12	1	0.90	10.80			
					646.20	0.39	252.02	
	Measurements Continued on:-							
	Lintel :-							
	Main Rods,10mm Dia;-Top & Bottom Rods							
	Main Wall's for Long Wall's:-Shops (1 & 2)	4	2	5.00	40.00			
	Shops (3 & 5)	4	2	7.70	61.60			
	Shops (6 & 12)	4	2	16.40	131.20			
	Shops (13 & 19)	4	2	16.40	131.20			
	Shops (20 & 21)	4	2	4.90	39.20			
	Short Wall's:-Shops (1 & 2)	4	2	3.20	25.60			
	Shops (3 & 5)	4	2	3.20	25.60			
	Shops (6 & 12)	4	2	3.20	25.60			
	Shops (13 & 19)	4	2	3.20	25.60			
	Shops (20 & 21)	4	2	3.20	25.60			
	Partition walls:- Shops (1 & 2)	4	1	3.20	12.80			
	Shops (3 & 5)	4	2	3.20	25.60			
	Shops (6 & 12)	4	6	3.20	76.80			
	Shops (13 & 19)	4	6	3.20	76.80			
	Shops (20 & 21)	4	1	3.20	12.80			
					736.00	0.62	456.32	
	Stirrup,s 8mm Dia (0.25c/c)							
	Main Wall's for Long Wall's:-Shops (1 & 2)	20	2	0.80	32.00			
	Shops (3 & 5)	31	2	0.80	49.60			
	Shops (6 & 12)	66	2	0.80	105.60			
	Shops (13 & 19)	66	2	0.80	105.60			
	Shops (20 & 21)	20	2	0.80	32.00			
	Short Wall's:-Shops (1 & 2)	12	2	0.80	19.20			
	Shops (3 & 5)	12	2	0.80	19.20			
	Shops (6 & 12)	12	2	0.80	19.20			
	Shops (13 & 19)	12	2	0.80	19.20			
	Shops (20 & 21)	12	2	0.80	19.20			
	Partition walls:- Shops (1 & 2)	12	1	0.80	9.60			
	Shops (3 & 5)	12	2	0.80	19.20			
	Shops (6 & 12)	12	6	0.80	57.60			
	Shops (13 & 19)	12	6	0.80	57.60			
	Shops (20 & 21)	12	1	0.80	9.60			
					574.40	0.39	224.02	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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ಜ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

28/02/2025

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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ಜ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

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	Measurements Continued on:-							
	Tie beam:-							
	Main Rods,16mm Dia;-Top Rods							
	Main Wall's for Long Wall's:-Shops (1 & 2)	2	2	4.80	19.20			
	Shops (3 & 5)	2	2	7.50	30.00			
	Shops (6 & 12)	2	2	4.80	19.20			
		2	2	4.80	19.20			
		2	2	7.00	28.00			
	Shops (13 & 19)	2	2	7.00	28.00			
		2	2	4.80	19.20			
		2	2	4.80	19.20			
	Shops (20 & 21)	2	2	4.80	19.20			
	Short Wall's:-Shops (1 & 2)	2	2	4.30	17.20			
		2	1	3.50	7.00			
	Shops (3 & 5)	2	2	4.30	17.20			
		2	2	3.50	14.00			
	Shops (6 & 12)	2	4	4.30	34.40			
		2	4	3.50	28.00			
	Shops (13 & 19)	2	4	4.30	34.40			
		2	4	3.50	28.00			
	Shops (20 & 21)	2	2	4.30	17.20			
		2	1	3.50	7.00			
					405.60	1.58	640.85	
	Main Rods,20mm Dia;-Bottom Rods							
	Main Wall's for Long Wall's:-Shops (1 & 2)	2	2	4.80	19.20			
	Shops (3 & 5)	2	2	7.50	30.00			
	Shops (6 & 12)	2	2	4.80	19.20			
		2	2	4.80	19.20			
		2	2	7.00	28.00			
	Shops (13 & 19)	2	2	7.00	28.00			
		2	2	4.80	19.20			
		2	2	4.80	19.20			
	Shops (20 & 21)	2	2	4.80	19.20			
	Short Wall's:-Shops (1 & 2)	2	2	4.30	17.20			
		2	1	3.50	7.00			
	Shops (3 & 5)	2	2	4.30	17.20			
		2	2	3.50	14.00			
	Shops (6 & 12)	2	4	4.30	34.40			
		2	4	3.50	28.00			
	Shops (13 & 19)	2	4	4.30	34.40			
		2	4	3.50	28.00			
	Shops (20 & 21)	2	2	4.30	17.20			
		2	1	3.50	7.00			
					405.60	2.47	1001.83	
	Stirrup,s 8mm Dia (0.25c/c)							
	Main Wall's for Long Wall's:-Shops (1 & 2)	19	2	1.20	45.60			
	Shops (3 & 5)	29	2	1.20	69.60			
	Shops (6 & 12)	19	2	1.20	45.60			
		19	2	1.20	45.60			
		27	2	1.20	64.80			
	Shops (13 & 19)	27	2	1.20	64.80			
		19	2	1.20	45.60			
		19	2	1.20	45.60			
	Shops (20 & 21)	18	2	1.20	43.20			
	Short Wall's:-Shops (1 & 2)	17	2	1.20	40.80			
		12	1	1.20	14.40			

ಪುಲಕಂಕ ಉಪವಿಭಾಗ.
ಕ.ಕ.ಸಂ.ಕ. ಬೆಂಗಳೂರು-100

	Shops (3 & 5)	17	2	1.20	40.80				
		12	2	1.20	28.80				
	Shops (6 & 12)	17	4	1.20	81.60				
		12	4	1.20	57.60				
	Shops (13 & 19)	17	4	1.20	81.60				
		12	4	1.20	57.60				
	Shops (20 & 21)	17	2	1.20	40.80				
		12	1	1.20	14.40				
					928.80	0.39	362.23		
	Roof Rods								
	Shops (1 & 2):-Main Rods 8mm Dia (0.15c/c)								
	Alternative Crank Rods	16	1	4.10	65.60				
	Tension Rods	16	2	1.00	32.00				
	Stright Rods:-Bottom Rods	8	2	4.10	65.60				
	Top Rods	8	2	4.10	65.60				
	Distrubution Rods 8mm Dia (0.15c/c)								
	Alternative Crank Rods	13	1	5.20	67.60				
	Tension Rods	13	2	1.30	33.80				
	Stright Rods:-Bottom Rods	6	2	5.00	60.00				
	Top Rods	6	2	5.00	60.00				
	Tension Rods	13	1	0.90	11.70				
	Shops (3 & 5):-Main Rods 8mm Dia (0.15c/c)								
	Alternative Crank Rods	26	1	4.10	106.60				
	Tension Rods	26	2	1.00	52.00				
	Stright Rods:-Bottom Rods	13	2	4.10	106.60				
	Top Rods	13	2	4.10	106.60				
	Distrubution Rods 8mm Dia (0.15c/c)								
	Alternative Crank Rods	13	1	7.90	102.70				
	Tension Rods	13	2	1.30	33.80				
	Stright Rods:-Bottom Rods	6	2	7.70	92.40				
	Top Rods	6	2	7.70	92.40				
	Tension Rods	13	2	0.90	23.40				
	Shops (6 & 12):-Main Rods 8mm Dia (0.15c/c)								
	Alternative Crank Rods	54	1	4.10	221.40				
	Tension Rods	54	2	1.00	108.00				
	Stright Rods:-Bottom Rods	27	2	4.10	221.40				
	Top Rods	27	2	4.10	221.40				
	Distrubution Rods 8mm Dia (0.15c/c)								
	Alternative Crank Rods	13	1	18.00	234.00				
	Tension Rods	13	2	1.30	33.80				
	Stright Rods:-Bottom Rods	6	2	16.40	196.80				
	Top Rods	6	2	16.40	196.80				
	Tension Rods	13	6	0.90	70.20				
	Shops (13 &19):-Main Rods 8mm Dia (0.15c/c)								
	Alternative Crank Rods	54	1	4.10	221.40				
	Tension Rods	54	2	1.00	108.00				
	Stright Rods:-Bottom Rods	27	2	4.10	221.40				
	Top Rods	27	2	4.10	221.40				
	Distrubution Rods 8mm Dia (0.15c/c)								
	Alternative Crank Rods	13	1	18.00	234.00				
	Tension Rods	13	2	1.30	33.80				
	Stright Rods:-Bottom Rods	6	2	16.40	196.80				
	Top Rods	6	2	16.40	196.80				
	Tension Rods	13	6	0.90	70.20				
	Shops (20 & 21):-Main Rods 8mm Dia (0.15c/c)								
	Alternative Crank Rods	16	1	4.10	65.60				

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಜೆ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

10/03.2027

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಜೆ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಜೆ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

14/04/2027

	Tension Rods	16	2	1.00	32.00			
	Stright Rods:-Bottom Rods	8	2	4.10	65.60			
	Top Rods	8	2	4.10	65.60			
	Distrubution Rods 8mm Dia (0.15c/c)							
	Alternative Crank Rods	13	1	5.20	67.60			
	Tension Rods	13	2	1.30	33.80			
	Stright Rods:-Bottom Rods	6	2	5.00	60.00			
	Top Rods	6	2	5.00	60.00			
	Tension Rods	13	1	0.90	11.70			
					4647.90	0.39	1812.68	
							7789.07	

4/04/2025

Assistant Engineer
Ward No-05

Assistant Executive Engineer
Yelahanka Town Sub Division
BBMP